

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-11 (Canceled).

Claim 12 (Currently Amended): A light measuring method, comprising:

(1) a first step of preparing a light measuring kit comprising:

a microplate having one or more wells each capable of accommodating a measurement object; and

a masking member having:

a plurality of light shielding parts respectively prepared corresponding to the wells of the microplate, each of the light shielding parts having liquid permeability and also having light shielding effect for shielding a background light traveling from the liquid toward a bottom of the associated well, the liquid being located on the opposite side of the bottom of the associated well across the measurement object; and

a supporting structure having a sheet-shaped part covering an upper plane of the microplate, and a plurality of outer frame parts each being prepared corresponding to one of the wells for positioning,

the associated one of the light shielding parts on the opposite side of the bottom of the associated well across the measurement object accommodated in the associated well, each of the outer frame parts supporting the associated one of the light shielding parts while one end opening of the one of the outer frame parts is covered by the associated light shielding part,

(2) a second step of placing the measurement object in one of the wells;

(3) a third step of adding into the well including the measurement object the liquid containing at least one of fluorescent dye, test compound and light emission reagent;

(4) a fourth step of shielding the background light traveling from the liquid, by the masking member arranged with respect to the microplate so that the measurement object is sandwiched between the bottom of the well including the measurement object and the associated light shielding part, while an inner wall of the well including the measurement object is in contact with at least a part of an outer wall of the associated outer frame part; and

(5) a fifth step of measuring one of the fluorescence and the light emission through the bottom of the well including the measurement object.

Claim 13 (Currently Amended): A light measuring method, comprising:

(1) a first step of preparing a light measuring kit comprising:

a microplate having one or more wells each capable of accommodating a measurement object; and

a masking member having:

a plurality of light shielding parts respectively prepared corresponding to the wells of the microplate, each of the light shielding parts having liquid permeability and also having light shielding effect for shielding a background light traveling from the liquid toward a bottom of the associated well, the liquid being located on the opposite side of the bottom of the associated well across the measurement object; and

a supporting structure having a sheet-shaped part covering an upper plane of the microplate, and a plurality of outer frame parts each being prepared corresponding to one

of the wells for positioning the associated one of the light shielding parts on the opposite side of the bottom of the associated well across the measurement object, each of the outer frame parts supporting the associated one of the light shielding parts while one end opening of the one of the outer frame parts is covered by the associated light shielding part

(2) a second step of placing the measurement object into one of the wells;

(3) a third step of arranging the masking member with respect to the microplate so that the measurement object is sandwiched between the bottom of the well including the measurement object and the associated light shielding part, while an inner wall of the well including the measurement object is in contact with at least a part of an outer wall of the associated outer frame part;

(4) a fourth step of adding into the well including the measurement object the liquid containing at least one of fluorescent dye, test compound and light emission reagent; and

(5) a fifth step of measuring one of the fluorescence and the light emission through the bottom of the well including the measurement object, while the associated light shielding part shields the background light traveling from the liquid toward the bottom of the well including the measurement object.

Claims 14-17 (Canceled).